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Perfect score:
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US-09-286-529-3
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; LENGTH: 210
; TYPE: PRT
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          SEQ ID NO 4
LENGTH: 151
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TITLE OF INVENTION: NEW MEMBERS OF THE AND
FILE REFERENCE: 1408.003/200130.439C1
                                SOFTWARE:
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283 4 4 53 4 4 53 4 4 61 4 61 4 61 4 61 4 61 4 61 4 61 4	625 4 US-09-577-780-15 Sequence 15 283 4 US-09-599-024-2 Sequence 2, 283 4 US-09-333-279-2 Sequence 2, 283 4 US-09-072-993C-2 Sequence 2, 283 5 PCT-US6-12374-2 Sequence 2, 283 5 PCT-US6-12374-2 Sequence 2, 453 4 US-09-086-483A-5 Sequence 4, 453 1 US-08-385-229-4 Sequence 4, 471 4 US-09-513-007-2 Sequence 6, 451 1 US-08-529-549-6 Sequence 14, 355 4 US-09-086-353A-14 Sequence 14, 451 1 US-08-353-29-2 Sequence 2, 461 4 US-09-042-785A-7 Sequence 2, 461 4 US-09-042-785A-7 Sequence 3, 461 4 US-09-042-785A-6 Sequence 4, 461 4 US-08-476-862-2 Sequence 4, 461 4 US-09-05-573-986-4 Sequence 4, 461 4 US-09-573-986-4 Sequence 4,
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4 US-09-577-780-15 4 US-09-590-024-2 US-09-333-279-2 4 US-09-072-993C-2 5 PCT-US96-12374-2 4 US-09-072-986-483A-5 1 US-08-385-229-4 4 US-09-513-007-2 1 US-09-513-007-2 1 US-09-593-38-14 4 US-09-573-986-14 1 US-09-973-986-14 1 US-08-385-229-2 4 US-09-000-353A-14 1 US-08-477-385A-7 4 US-08-477-347-3 4 US-08-477-347-3 4 US-08-477-347-3 4 US-08-476-862-2 4 US-09-006-353A-4 4 US-09-006-353A-4 4 US-08-477-347-3	Sequence 15 Sequence 2 Sequence 2 Sequence 2 Sequence 5 Sequence 5 Sequence 6 Sequence 14 Sequence 14 Sequence 14 Sequence 2 Sequence 2 Sequence 2 Sequence 3 Sequence 3 Sequence 4 Sequence 4 Sequence 4
US-09-577-780-15 US-09-533-279-2 US-09-072-933-279-2 US-09-072-933-2 US-09-086-483A-5 US-08-385-229-4 US-08-385-229-4 US-08-95-35A-14 US-08-385-29-2 US-08-650-000-2 US-08-650-000-2 US-08-650-000-2 US-08-477-347-3 US-08-476-862-2 US-08-476-862-2 US-08-77-986-4	Sequence 15 Sequence 2 Sequence 2 Sequence 2 Sequence 5 Sequence 4 Sequence 14 Sequence 14 Sequence 14 Sequence 2 Sequence 2 Sequence 2 Sequence 2 Sequence 3 Sequence 4 Sequence 4 Sequence 4 Sequence 4 Sequence 4
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ALIGNMENTS

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GENERAL INFORMATION:
APPLICANT: Catherine Tribouley
TITLE OF INVENTION: NEW MEMBERS OF THE
FILE REFERENCE: 1408.003/200130.439C1
                                                                                                                                                                                   Sequence 4, Application US/09286529 Patent No. 6297367
              CURRENT APPLICATION NUMBER: US/09/286,529
CURRENT FILING DATE: 1999-04-05
NUMBER OF SEQ ID NOS: 25
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CURRENT FILING DATE: 1999-04-05
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 3.0
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FastSEQ for Windows Version
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Pred. No. 1.2e-35;
8; Mismatches 52;
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Sequence 17, Ap
                                                                                      Sequence 19, Application US/09342681C Patent No. 6355782 GENERAL INFORMATION:
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Best Local
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   CURRENT FILING DATE:
                                  APPLICANT: Zonana et al.
TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins
FILE REFERENCE: 52978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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CURRENT APPLICATION NUMBER: US/09/342,681C CURRENT FILING DATE: 1999-06-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Ver. 2.1
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NUMBER OF SEQ ID NOS: 123
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24.9%;
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Pred. No. 1.6e-11;
3; Mismatches 112;
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Pred. No. 3.5e-31;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 5
US-09-006-353A-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/092,279 PRIOR FILING DATE: 1998-07-09
              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1998-12-15
                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: BROOKES, ANDERS A
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: APPLICANT:
                                                              TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                  STREET: 9410
                                                                                  REFERENCE/DOCKET NUMBER:
                                             TELEPHONE:
                                                                                                                                                                         FILING DATE:
                               TELEFAX:
                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         145 TK-ECVGATSGASANFPGTSGSSTLSPFQHAHKELSGQGHLATALIIAMSTIFIMAIAIV 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    191 PVPPSKETSAESQVSWAPGSLAQLFS----LDSVPIPQQQQGPEM 231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8, Application US/09006353A
5, 6261801
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   259 TATPAKPTKSENDAS---SENEQLLSRSVDSDEEPAPDKQGSPEL 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           55 HHKCQSCITCAVINRVQKVNCTATSNAVCGDCLPRFYR-KTRIGGLQDQECIPCTKQTPT 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 DCQENEYWDQ-WGRCVTCQRCGPGQELSKDCGYGEGGDAY-CTACPPRR-----YKSSWG
                                                                                                                                                                                                                                                                                                                   20850
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LIIMFYILKTKPSAPACC----TSHPGKSVEAQVSKDEEKKEAPDNVVMFSEKDEFEKL-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GLFFLY------CKQFFNRHCQRGGLLQFEADKTAKE-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEVQCAFQLSLVEADAP-----TVPPQE------ATLVALVSSLLVVFTLAFL 155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HKDCEGFFRATVLTPGDMEN-----DAECGPCLPGYYMLENRPRNIYGMVCYSCLLAPPN 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NCGENEYYNOTTGLCQECPPCGPGEEPYLSCGYGTKDEDYGCVPCPAEKFSKGGYQICRR 89
                                                                                                                                                                                                                                                                                                                                                                                       9410 KEY WEST AVENUE
                               (301)
                                                                                                                                                                                                                                                                                                                                   SD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENTZ, REINER
RUBEN, STEVEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            YU, GUO-LIANG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WEI,
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                                               (301)
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                             309-8512
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                                                                                                                                                                                       US/09/006,353A
                                                                                             36,373
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                                                                                PF341
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Pred. No. 1.0
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CURRENT APPLICATION NUMBER: US/09/:
CURRENT FILING DATE: 2000-05-18
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin.Ver. 2.1
SEQ ID NO 8
LENGTH: 260
TYPE: PRT
ORGANISM: Homo sapiens
US-09-573-986-8
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US-09-573-986-8
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; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-006-353A-8
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                                   Qy
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Patent No. 6455040
GENERAL INFORMATION:
APPLICANT: Wei, Ying-Fei
APPLICANT: Ni, Jian
APPLICANT: Gentz, Reiner
APPLICANT: Ruben, Steven
TITLE OF INVENTION: Tumor Necrosis Factor Receptor
FILE REFERENCE: 1488.1280004
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Best Local Similarity
Matches 72; Conserv
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Best Local S
186 SSDFIRILVIFSGMELVETLA--GALFLHQRRKY------RSNKGES--PV
                       138 -----TLVALVSSILVVFTLAFIGIFFLYCKQFFNRHCQRGGILQFEADKTAKEESLFPV 192
                                                                           126
                                                                                                           112 PTSEVQCAFQLS------LVEA------DAPTV----PPQEA-- 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              227 EPA-EPCRYSCPREEEGS-----TIPIQEDYRKPE 255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              193 PPSKETSAESQVSWAPGSLAQLFSLDSVPIPQQQQGPE 230
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 112 PTSEVQCAFQLS------LVEA------DAPTV----PPQEA-- 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         186 SSDFIRILVIFSGMFLVFTLA--GALFLHQRRKY----
                                                                                                                                                   83 SCRHCNSGLLVR----NCTITANAECACRNGWQC-----RDKECTECDPLPN 125
                                                                                                                                                                                         60 SCITC--AVINRVQKVNCTATSNAVCG-----DCLPRFYRKTRIGGLQDQECIPCTK-QT 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             83 SCRHCNSGLLVR----NCTITANAECACRNGWQC-----RDKECTECDPLPN 125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       27 CPERHYWAQGKLC--COMCEPGTFLVKDCDQHRKA-AQCDPCIP-GVSFSPDHHTRPHCE
                                                                                                                                                                                                                               27 CPERHYWAQGKLC--COMCEPGTFLVKDCDQHRKA-AQCDPCIP-GVSFSPDHHTRPHCE
                                                                                                                                                                                                                                                               3 CQENEYWDQWGRCVTCQRCGPGQELSKDCGYGEGGDAYCTACPPRRYKSSWGHH---KCQ
                                                                                                                                                                                                                                                                                                         2.1%; Score 153.5; DB 4; Length 260; Similarity 25.9%; Pred. No. 2.5e-07; Conservative 29; Mismatches 78; Indels 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 CQENEYWDQWGRCVTCQRCGPGQELSKDCGYGEGGDAYCTACPPRRYKSSWGHH----KCQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PSLTARSSQALSPHPQPTHLPYVSEMLEARTAGHMQTLADFRQLPARTLSTHWPPQRSLC 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US/09/573,986
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                                                                                                                                                                                                                                                                                                         Indels 99; Gaps
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 226
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Db Qy	193 PPSKETSAESQVSWAPGSLAQLFSLDSVPIPQQQQGPE 230
RESULT	00-006-7578-6
; Se	3e 6, Ap
າ າ ດີຊື	GENERAL INFORMATION:
	ICANT:
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	OF INVENTION: T
٠. ٠.	CORRESPONDENCE ADDRESS:
	ADDRESSEE: H
٠. ٠	į
٠ ٠٠	STATE: MD ·
٠. ٠	ZIP: 20850
. ~.	COMPUTER READABLE FORM:
•••	IBM PC c
٠. ٠.	OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.30
٠.	CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/006.353A
	ION: 435
•. •	G.
٠. ٠.	REGISTRATION NUMBER: 36,373
٠. ٠.	RE
	_
 H	INFORMATION FOR SEQ ID NO: 6:
	HARACTERIST
٠. ٠.	TYPE: amino acid
. ~.	DEDNES
; ; us-0	MOLECULE TYPE: protein 09-006-353A-6
Be Qu	Query Match 12.0%; Score 152.5; DB 4; Length 415; Best Local Similarity 25.3%; Pred. No. 5.5e-07; Matches 74: Conservative 31: Mismatches 90: Indels 80: Game
δ	4
Вb	46 QDKEYYEPM-HDVCCSRCPPGEFVFAVCSRSQDTVCKTCPHNSYNEHWNHLSTCQLCR
Qγ	63 TCAVINRVQKV-NCTATSNAVCGDCLPRFYRKTRIGGLQDQECIPC
₽	103 PCDIVLGFEEVAPCTSDRKAEC-RCQPGMSCVYLDNECVHCEEERLVLCQP
ΔÃ	108 -TKQTPTSEVT
B	153 GTEAEVTDEIMDTDVNCVPCKPGHFQNTSSPRARCQPHTRCEIQ-GLVEA-APGTSYSDT
Qy	132 VPPQEATLVALVSSLLVVFTLAFLGLFFLYCKQFFNRHCQRGGLLQFEADKTAK
망	211 ICKNPPEPGAMLLIAILLSLVLFILFTTVLACAWMRHPSLCRKLGTL-LKRHPEGE
Qy	SWAPGSLAQLESLDSVPIPQ
3	266 ESPECTADRADEHTEDNIAFEDILEMSGDISESPAGEDTADSIFETVVI000SD 316

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US-08-089-458B-6
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-573-986-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-573-986-6
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/08089458B Patent No. 5359039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE:
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION: APPLICANT: We1, Y1
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APPLICANT: Ruben, Steven
TITLE OF INVENTION: Tumor Necrosis Factor Receptor
FILE REFERENCE: 1488.1280004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/573,986
CURRENT FILING DATE: 2000-05-18
NUMBER OF SEQ ID NOS: 27
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                                                                    SOFTWARE: Microsoft WO CURRENT APPLICATION DATA:
                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                       APPLICANT: Smith, Craig
APPLICANT: Goodwin, Raymond
TITLE OF INVENTION: Isolate
TITLE OF INVENTION: Necrosi
 ATTORNEY/AGENT
                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Apple O
                   FILING DATE: 0 CLASSIFICATION:
                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                        STREET:
                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                           ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             132 V---PPQEATLVALVSSLLVVFTLAFLGLFFLYCKQFFNRH----CQRGGLLQFEADKTAK 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    103 PCDIVLGFEEVAPCTSDRKAEC-RCQP------GMSCVYLDNECVHCEEERLVLCQP 152
                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       63 TCAVINRVQKV-NCTATSNAVCGDCLPRFYRKTRIGGLQ----DQECIPC----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             46 QDKEYYEPM-HDVCCSRCPPGEFVFAVCSRSQ--DTVCKTCPHNSYNEHWNHLSTCQLCR 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           74;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 QENEYWDQWGRCVTCQRCGPGQELSKDCGYGEGGDAYCTACPPRRYKSSWGH-HKCQSCI 62
                                                                                                                                                                                   98101
                                                                                                                                                                                                                                       Seattle
                                                                                                                                                                                                 Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ESPPCPAPRADPHFPDLAEPLLPMSGDLSPSPAGPPTAPSLEEVVL--QQQSP 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EESLFPVP---PSKETSAE-----SQVSWAPGSLAQLFSLDSVPIPQQQQGP 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GTEAEVTDEIMDTDVNCVPCKPGHFQNTSSPRARCQPHTRCEIQ-GLVEA-APGTSYSDT 210
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Ni, Jian
                                                                                                                                                                                                                                                      E: Patricia Anne Perkins,
51 University Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
INFORMATION:
                                07/09/93
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                                                                                                                                                                                                                                                                                                                                                Isolated
                                                                                                                                                                                                                                                                                                                               Necrosis
                                                                                      Apple Operating System 7.1 ft Word, Version #5.1a
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25.3%; Pred. No. 5.56
tive 31; Mismatches
                                                   US/08/089,458B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ------T 131
                                                                                                                                                                                                                                                                                                                               Poxvirus A53R-Equivalent Tumor Factor Antagonists
                                                                                                                                                                                                                                                                       Immunex Corporation
                                                                                                                                                                                                                                                                                                                             Antagonists
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; TOPOLOGY: 1; MOLECULE TYPE: US-08-050-319B-25
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                                                                                           TELEFAX: (415) 327-323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 455 amino acid
                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION: NAME: Robbins, Roberta L
                                                                                                                                TELEPHONE: (415) 617-8999
                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: M.Feldmann, P.W. Gray,
APPLICANT: M.J.C. Turner, F.M Brennan
TITLE OF INVENTION: Modified human TNFalpha (Tumor
TITLE OF INVENTION: Necrosis Factor alpha) Recepto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
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                                                                                                                                                                                NAME: Robbins, Roberta
REGISTRATION NUMBER: 33
                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/050,319B
FILING DATE: 10-May-1993
                                                                                                                                                                  REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  37 CDDGEYLDKTHNQC--CNRCPPGEFAKIRC---SGSDNTKCERCPPHTYTTVPNYSNGCH
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3 CQENEYWDQ-WGRCVTCQRCGPGQELSKDCGYGEGGD-AYCTACPPRRYKS----SWGHH 56
                                                                                                                                                                                                                                                                                                                                                                                                                                    Palo Alto
                                                amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      QCRKCPT----GSFDKVKCTGTQNSKC-SCLPGWFCATDSSKTEDCRDCIPKRK 140
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amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                    California
                                                              455 amino acids
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            protein
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ER: 5150-0030
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34,693
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                                                                                                                                                                                                                                                                                                  version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
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Query Match Best Local Similarity

11.4%; Score 145.5; DB 1 21.3%; Pred. No. 2.9e-06;

DB 1;

Length

455;

Gaps

14;

Matches

66;

Conservative

36;

Mismatches

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   Query Match
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                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tent No.
                                                                                                                                                                           NAME: BROWDY, ROGER L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
COMPUTER: IBM PC com
                                                                                                              SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
                                                  TOPOLOGY: 1
MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                        APPLICATION NUMBER: IL 10 FILING DATE: 12-OCT-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
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                                                                                                                                                            TELEFAX:
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                                                                                             ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , Application US/08321668 5665859
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                                                                                amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ----TRIGG--LQDQECIPCTKQTPTSEVQCAFQLSLVEADAPTVPPQEAT-----L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     419 Seventh Street, N.W., Suite 300
                                                                                          455 amino acids
                                                                                                                                                              202-737-3528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 BATKIN, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BRAKEBUSCH, Cord
VARFOLOMEEV, Eug
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     WALLACH, David
                                                                  linear
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                                                                                                                                                                                                                                                                                                                                          12-OCT-1994
                                                  protein
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   11.48;
                                                                                                                                                                                                                                                                                          IL 107268
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 Score 145.5;
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 DB
1;
 Length 455;
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                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                              REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: WALTECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/837,941
FILING DATE: 28-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                 FILING DATE: 12-OCT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                  TELEPHONE: 202-737-3528
                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                 NAME: BROWDY, Roger L
REGISTRATION NUMBER: :
                                                                                                                                                                                                      APPLICATION NUMBER: IL 107268 FILING DATE: 12-OCT-1993
                                                                                                                                                                                                                                   APPLICATION NUMBER: US 0 FILING DATE: 12-OCT-1994
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               LENGTH:
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RESULT 13
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    tent No.
                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/625668
FILING DATE: 13-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, ROGER L
                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                             SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: EXPRESSION OF THE RECOMBINANT TITLE OF INVENTION: NECROSIS FACTOR BINDING PROTEIN
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                  APPLICATION NUMBER: US/0 FILING DATE: 24-SEP-1993 CLASSIFICATION: 435
                REGISTRATION NUMBER: 25
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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419 Seventh Street, N.W.,
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BRAKEBUSCH, CORD
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KEMPER, OLIVER
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Pred. No. 2.9e-06;
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Best Local
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INFORMATION FOR SEQ ID
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LENGTH: 455 amino acid
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SDPIPNPLQK 340
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                          LDSVPIPQQQ 226
                                                  SPTPGFTPTLGFSPVPSSTFTSSS---TYTPGDCPNFAAPRREVAPPYQGADPILATALA
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RESULT 14 US-08-465-982-25 Patent No. Sequence 25, GENERAL INFORMATION: REFERENCE/DOCKET NUMBER: 51
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 617-8999 ATTORNEY/AGENT INFORMATION:
NAME: Robbins, Roberta L.
REGISTRATION NUMBER: 33,2 PRIOR APPLICATION DATA: CURRENT APPLICATION DATA: TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES: APPLICANT: M.Feldmann, P.W. Gray,
APPLICANT: M.J.C. Turner, F.M Brennan
TITLE OF INVENTION: Modified human TNFalpha (Tumor
TITLE OF INVENTION: Necrosis Factor alpha) Receptor COMPUTER READABLE FORM: CORRESPONDENCE ADDRESS: MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Pelann STREET: 635 Bry APPLICATION NUMBER: US/0 FILING DATE: 10-May-1993 CLASSIFICATION: FILING DATE: APPLICATION NUMBER: COUNTRY: USA ADDRESSEE: 94301 5, Application US/08465982 5863786 California 635 Bryant Street PatentIn Release #1.0, version #1.25 Reed & Robbins US/08/050,319 US/08/465,982 5150-0030

INFORMATION FOR SEQ ID NO:

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(415) 327-3231

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US-08-815-469-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 5, Application US/08815469 Patent No. 6153402 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 66; Conserv
                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Dixit, Vishva
APPLICANT: Gentz, Reiner L.
APPLICANT: Dillon, Patrick J.
ATTILE OF INVENTION: Death Dom
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-465-982-25
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           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,711
FILING DATE: 17-0CT-1996
                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: No.
FILING DATE: 06-FEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                             APPLICATION NUMBER: UP
                                                                                                                                                                                                                                                                                                                                         STREET: 1100 New CITY: Washington STATE: DC
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                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                       COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SPTPGFTPTLGFSPVPSSTFTSSS---TYTPGDCPNFAAPRREVAPPYQGADPILATALA 330
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                                                                                                                                                                                                                                                                                                                                                                            E: Sterne, Kessler, Goldstein & Fox, P.L.L.C. 1100 New York Ave., NW, Suite 600
                                                                                                                                                                                                                                                                                                                         USA
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21.3%; Pred. No. 2.9e-06;
Live 36; Mismatches 109
                                                                                                                                                                 US/08/815,469
                                                                                        6153402 Yet Assigned
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 60/013,285 FILING DATE: 12-MAR-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
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TOPOLOGY: not
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                                                                                                                                                            140 VALVSSI-LVVFTLAFIGLFFLYCK---QFFNRHC----QRGGLLQFEADKTAKEESLF 190
 331
                                                                     274 SPTPGFTPTLGFSPVPSSTFTSSS---TYTPGDCPNFAAPRREVAPPYQGADPILATALA 330
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SDPIPNPLQK 340
                                  LDSVPIPQQQ 226
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21.3%;
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Pred. No. 2.9e-06;
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Search completed: June 5, 2003, 14:00:35 Job time: 16.2727 secs

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